

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
 Data File : BN015620.D  
 Acq On : 20 Jul 2021 11:57  
 Operator : CG/JU  
 Sample : M3083-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 20 12:39:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 11:13:03 2021  
 Response via : Initial Calibration

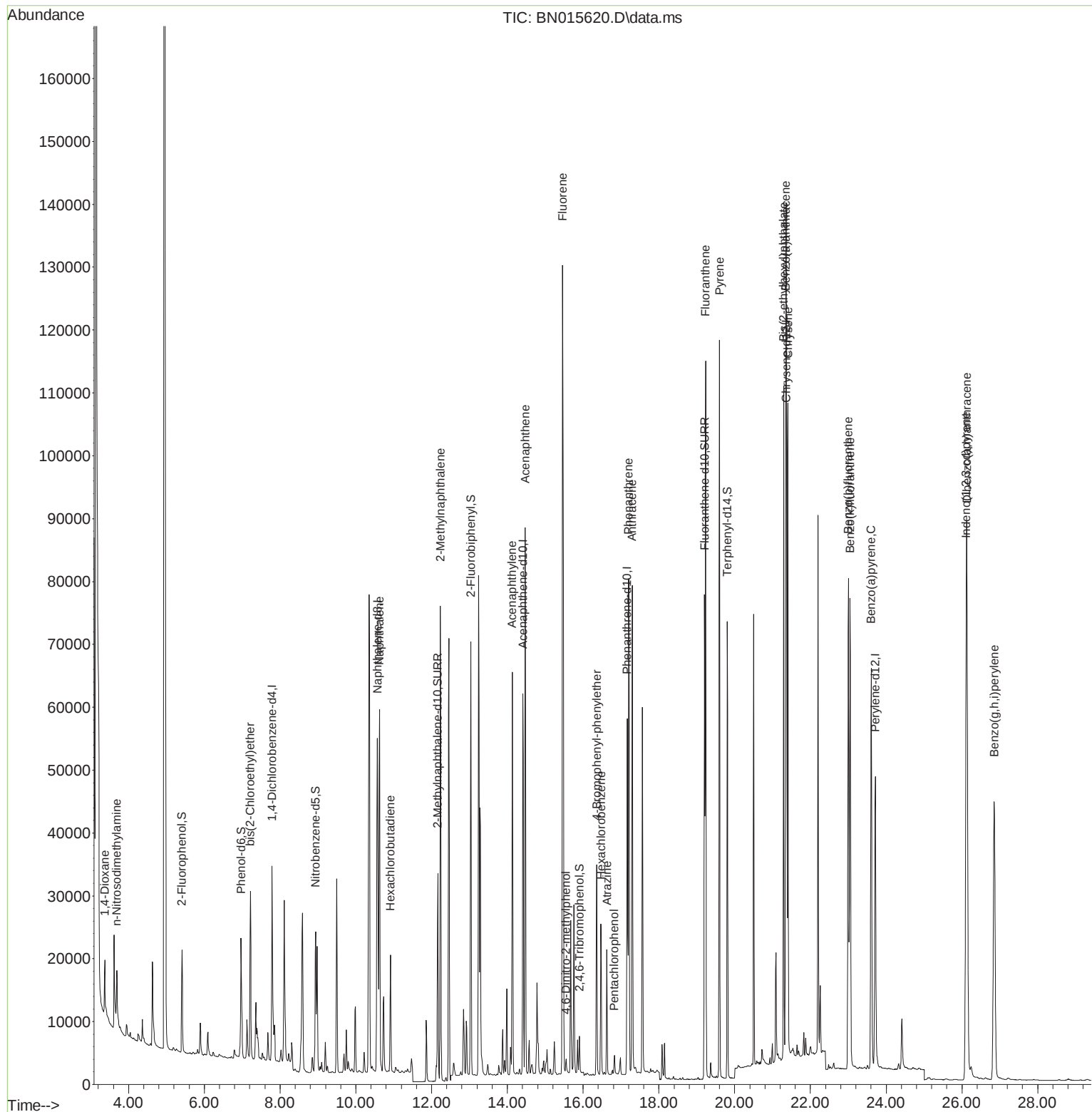
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.790  | 152  | 15781    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.571 | 136  | 72414    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.408 | 164  | 38122    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.164 | 188  | 71214    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.366 | 240  | 64600    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.710 | 264  | 64314    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.411  | 112  | 14298    | 0.316 | ng    | 0.04     |
| 5) Phenol-d6                  | 6.969  | 99   | 18201    | 0.338 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.937  | 82   | 19500    | 0.374 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.163 | 152  | 44219    | 0.371 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.906 | 330  | 4399     | 0.360 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 57177    | 0.372 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.202 | 212  | 84244    | 0.391 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.808 | 244  | 70687    | 0.461 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.373  | 88   | 5315     | 0.689 | ng    | # 67     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 5422     | 0.417 | ng    | # 86     |
| 6) bis(2-Chloroethyl)ether    | 7.218  | 93   | 20335    | 0.423 | ng    | # 86     |
| 9) Naphthalene                | 10.622 | 128  | 79147    | 0.376 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.914 | 225  | 14831    | 0.378 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.234 | 142  | 52899    | 0.397 | ng    | # 89     |
| 16) Acenaphthylene            | 14.129 | 152  | 68787    | 0.388 | ng    | 98       |
| 17) Acenaphthene              | 14.472 | 154  | 44292    | 0.374 | ng    | 99       |
| 18) Fluorene                  | 15.461 | 166  | 54302    | 0.382 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.550 | 198  | 2081     | 1.164 | ng    | # 57     |
| 21) 4-Bromophenyl-phenylether | 16.360 | 248  | 17045    | 0.377 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.470 | 284  | 18360    | 0.361 | ng    | # 91     |
| 23) Atrazine                  | 16.628 | 200  | 14327    | 0.448 | ng    | 93       |
| 24) Pentachlorophenol         | 16.823 | 266  | 1850     | 0.416 | ng    | 98       |
| 25) Phenanthrene              | 17.200 | 178  | 87518    | 0.380 | ng    | 98       |
| 26) Anthracene                | 17.298 | 178  | 80160    | 0.406 | ng    | 99       |
| 28) Fluoranthene              | 19.232 | 202  | 99850    | 0.401 | ng    | # 97     |
| 30) Pyrene                    | 19.599 | 202  | 102557   | 0.413 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.355 | 228  | 96605    | 0.428 | ng    | 97       |
| 33) Chrysene                  | 21.408 | 228  | 97277    | 0.407 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.291 | 149  | 89137    | 0.921 | ng    | # 83     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.113 | 276  | 111730   | 0.487 | ng    | # 87     |
| 37) Benzo(b)fluoranthene      | 23.002 | 252  | 100198   | 0.397 | ng    | # 96     |
| 38) Benzo(k)fluoranthene      | 23.046 | 252  | 100764   | 0.396 | ng    | # 94     |
| 39) Benzo(a)pyrene            | 23.604 | 252  | 93936    | 0.432 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 26.130 | 278  | 91205    | 0.505 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 26.853 | 276  | 97716    | 0.502 | ng    | # 89     |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

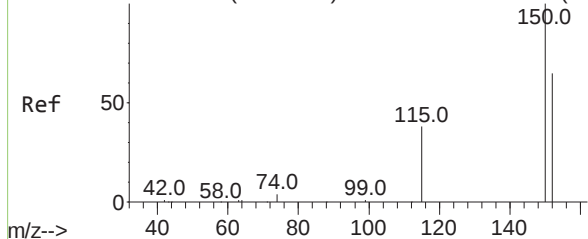
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072021\  
Data File : BN015620.D  
Acq On : 20 Jul 2021 11:57  
Operator : CG/JU  
Sample : M3083-01MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :

Quant Time: Jul 20 12:39:33 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN071521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 20 11:13:03 2021  
Response via : Initial Calibration



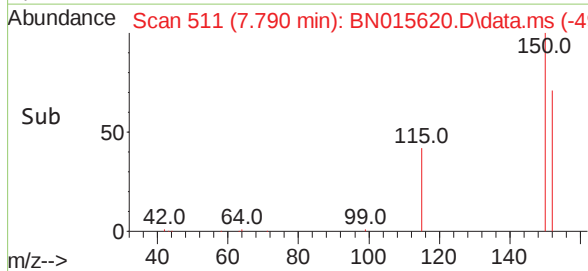
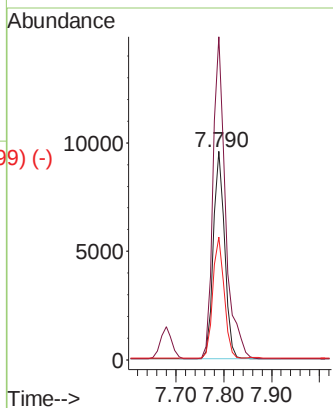
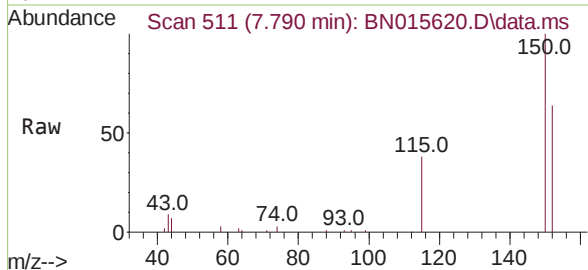
Abundance Scan 513 (7.808 min): BN015575.D\data.ms (-506) (#1)



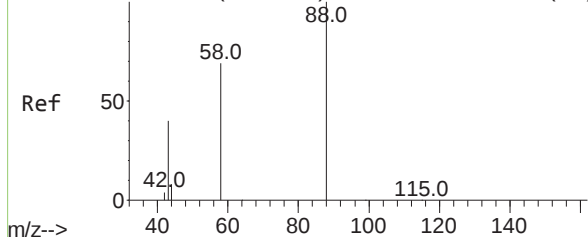
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 511  
Delta R.T. 0.009 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 15781  
Ion Ratio Lower Upper  
152 100  
150 155.1 119.0 178.6  
115 59.0 62.2 93.4#

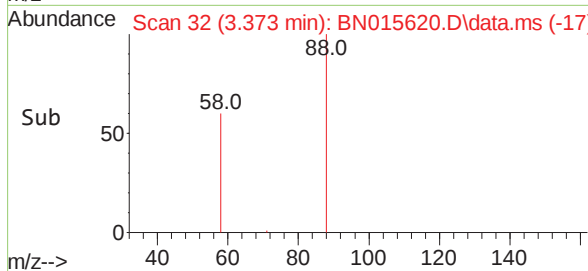
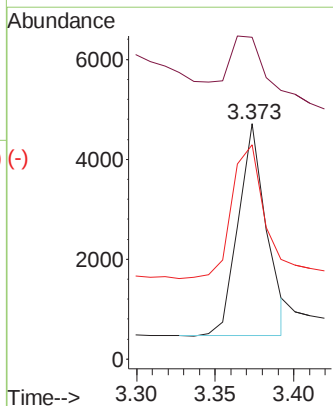
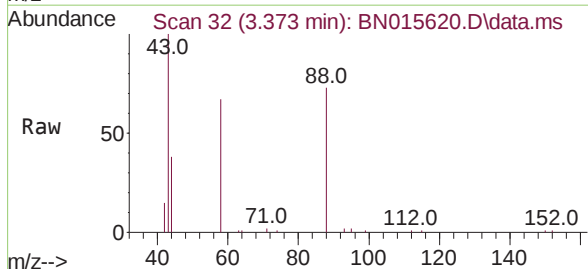


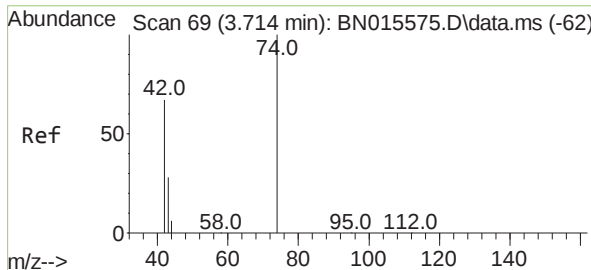
Abundance Scan 31 (3.364 min): BN015575.D\data.ms (-28) (#2)



1,4-Dioxane  
Concen: 0.689 ng  
RT: 3.373 min Scan# 32  
Delta R.T. 0.037 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion: 88 Resp: 5315  
Ion Ratio Lower Upper  
88 100  
43 27.3 12.9 19.3#  
58 71.3 38.1 57.1#

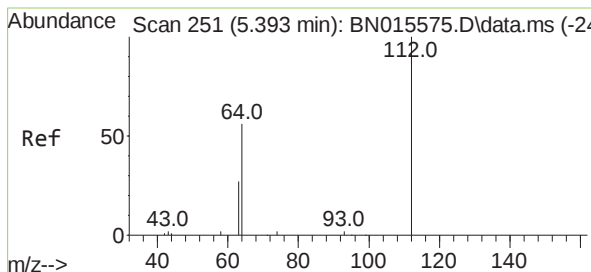
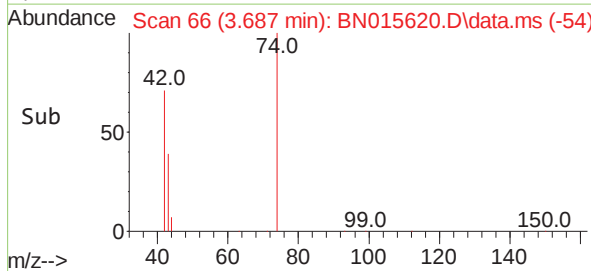
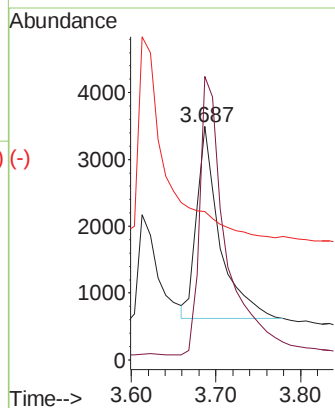
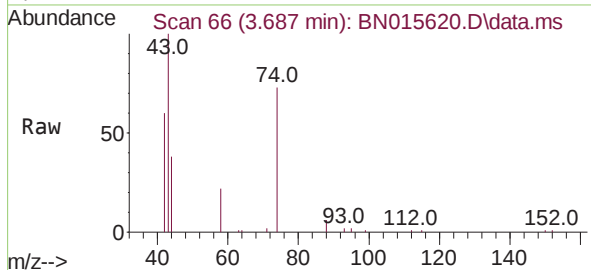




n-Nitrosodimethylamine  
Concen: 0.417 ng  
RT: 3.687 min Scan# 66  
Delta R.T. 0.009 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

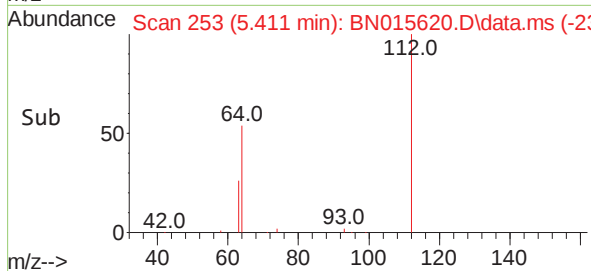
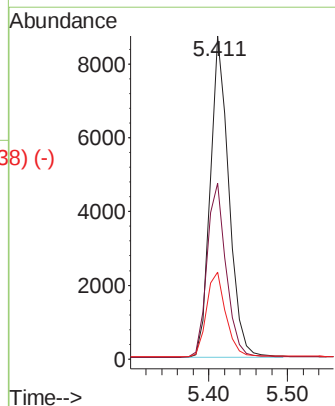
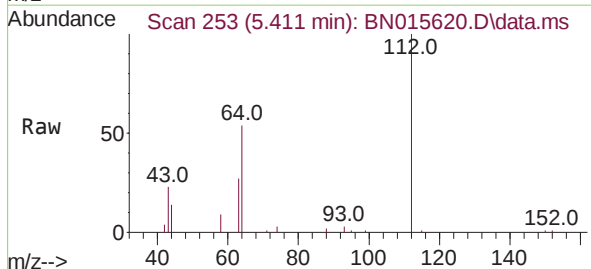
Instrument :  
BNA\_N  
ClientSampleId :

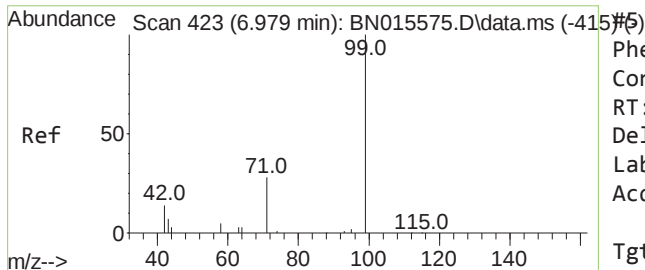
Tgt Ion: 42 Resp: 5422  
Ion Ratio Lower Upper  
42 100  
74 166.6 149.5 224.3  
44 0.0 4.2 6.2#



2-Fluorophenol  
Concen: 0.316 ng  
RT: 5.411 min Scan# 253  
Delta R.T. 0.037 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion: 112 Resp: 14298  
Ion Ratio Lower Upper  
112 100  
64 55.6 39.0 58.6  
63 27.5 20.6 30.8

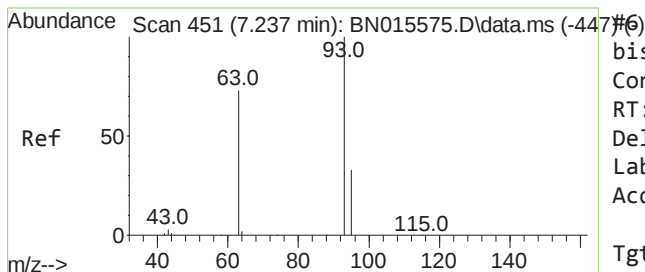
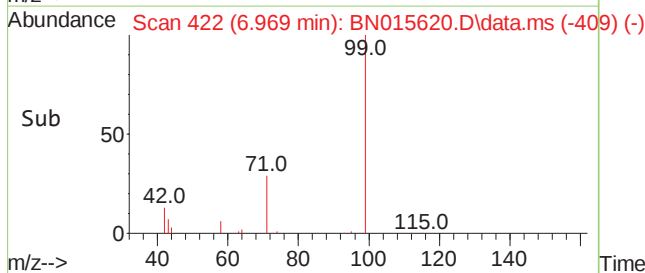
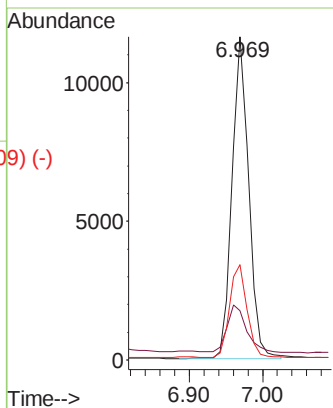
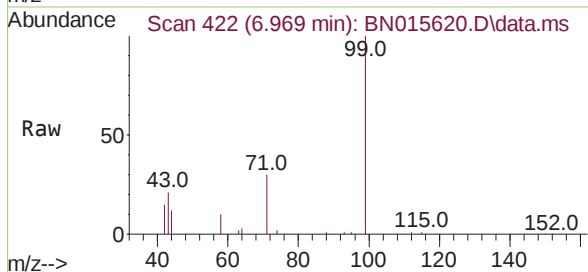




Phenol-d6  
 Concen: 0.338 ng  
 RT: 6.969 min Scan# 422  
 Delta R.T. 0.018 min  
 Lab File: BN015620.D  
 Acq: 20 Jul 2021 11:57

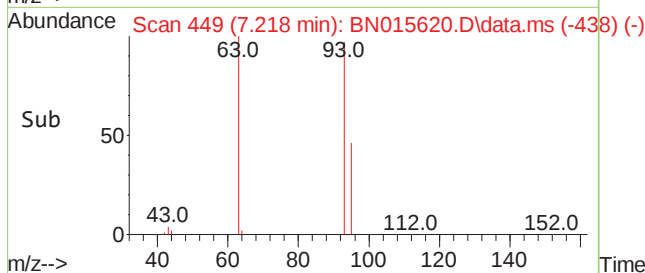
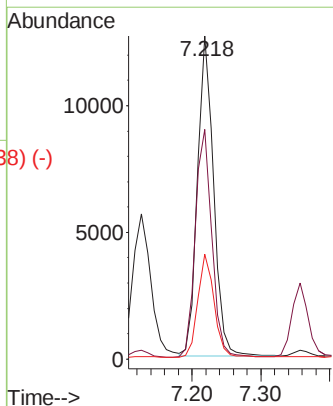
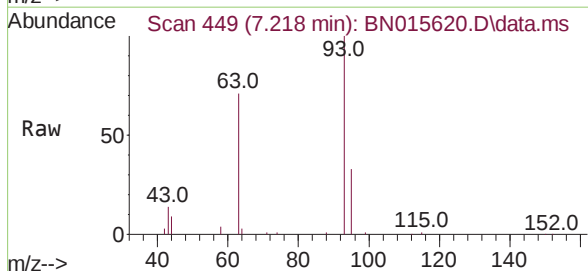
Instrument :  
 BNA\_N  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 18201 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 16.8  | 8.9   | 13.3# |
| 71       | 30.4  | 35.6  | 53.4# |

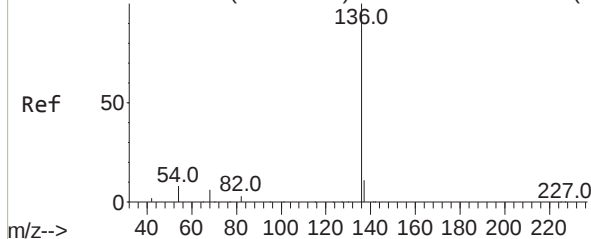


bis(2-Chloroethyl)ether  
 Concen: 0.423 ng  
 RT: 7.218 min Scan# 449  
 Delta R.T. 0.000 min  
 Lab File: BN015620.D  
 Acq: 20 Jul 2021 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 20335 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 73.2  | 46.6  | 70.0# |
| 95       | 32.6  | 28.6  | 42.8  |



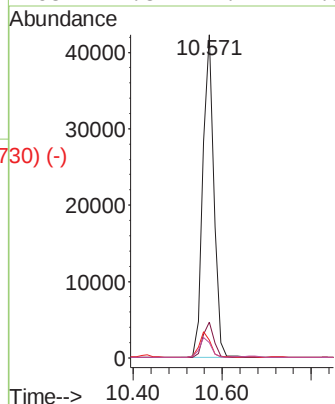
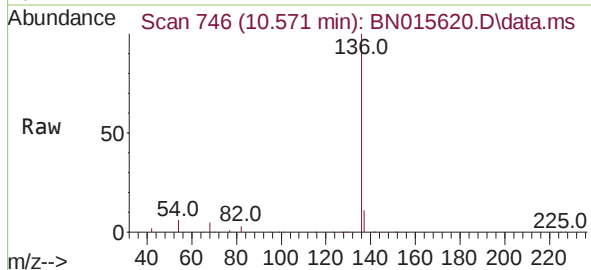
Abundance Scan 747 (10.584 min): BN015575.D\data.ms (-747) (-)



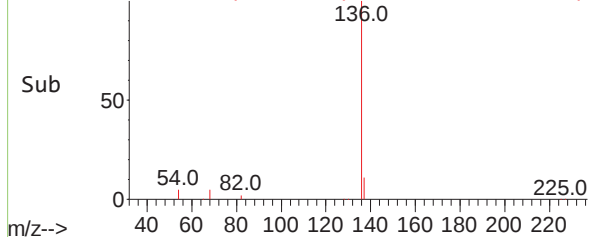
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.571 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

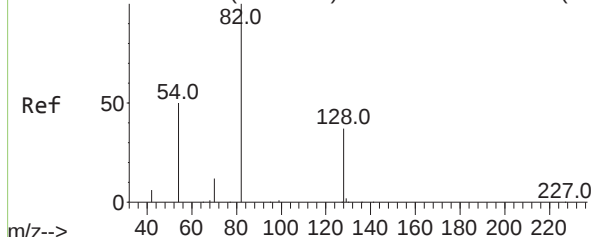
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 72414 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 9.8   | 14.8  |
| 54       | 5.6   | 5.4   | 8.2   |
| 68       | 4.8   | 4.9   | 7.3#  |



Abundance Scan 746 (10.571 min): BN015620.D\data.ms (-730) (-)

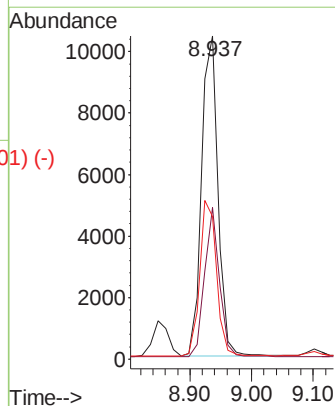
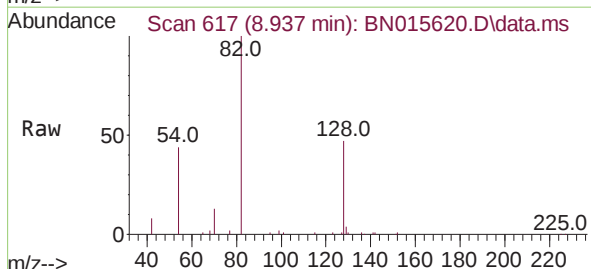


Abundance Scan 618 (8.949 min): BN015575.D\data.ms (-615) (-)

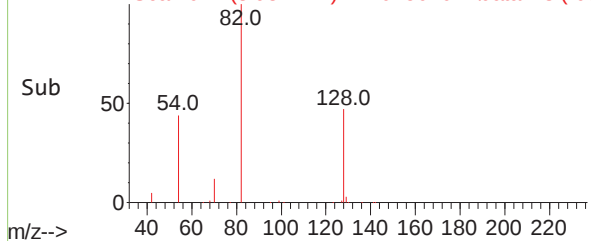


Nitrobenzene-d5  
Concen: 0.374 ng  
RT: 8.937 min Scan# 617  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

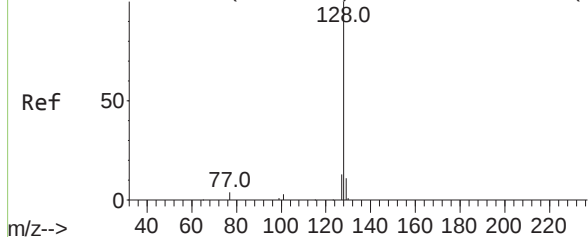
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 19500 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.9  | 31.6  | 47.4  |
| 54       | 44.2  | 29.0  | 43.4# |



Abundance Scan 617 (8.937 min): BN015620.D\data.ms (-601) (-)



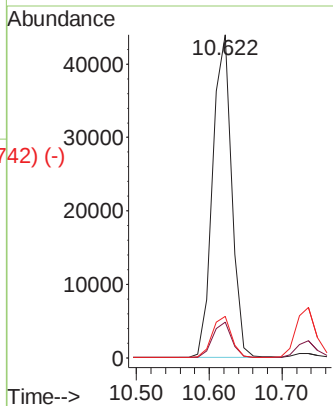
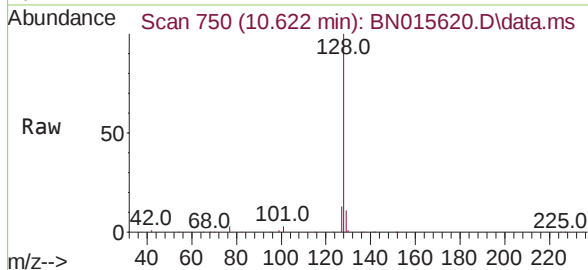
Abundance Scan 751 (10.635 min): BN015575.D\data.ms (-749) (-)



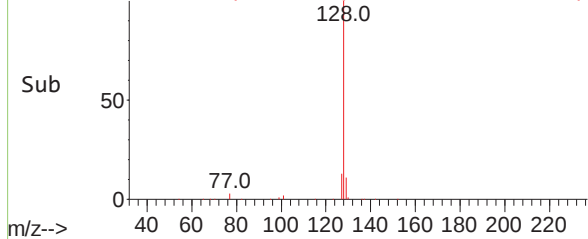
Naphthalene  
Concen: 0.376 ng  
RT: 10.622 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampled :

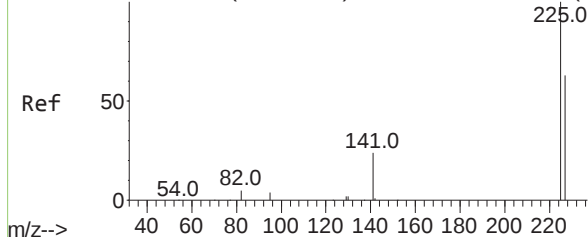
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 79147 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.1  | 9.1   | 13.7  |
| 127      | 12.8  | 11.8  | 17.6  |



Abundance Scan 750 (10.622 min): BN015620.D\data.ms (-742) (-)

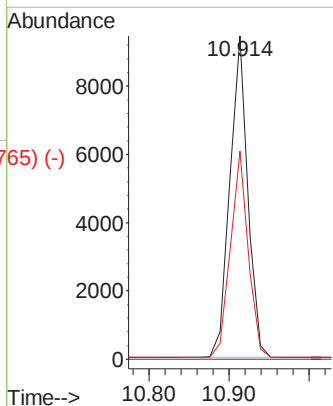
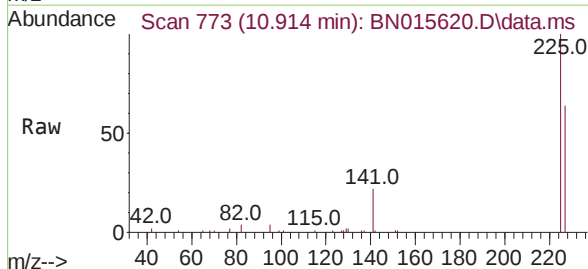


Abundance Scan 774 (10.926 min): BN015575.D\data.ms (-766) (-)

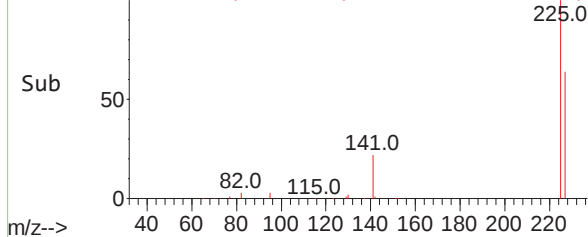


Hexachlorobutadiene  
Concen: 0.378 ng  
RT: 10.914 min Scan# 773  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

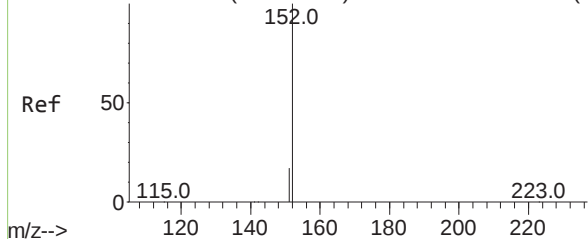
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 14831 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 50.2  | 75.2  |



Abundance Scan 773 (10.914 min): BN015620.D\data.ms (-765) (-)



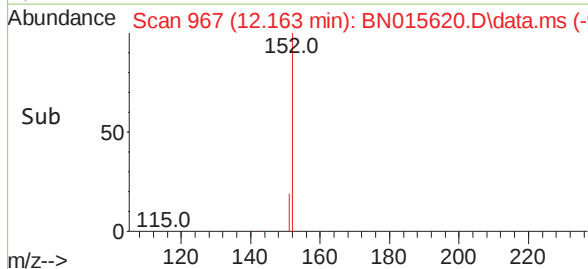
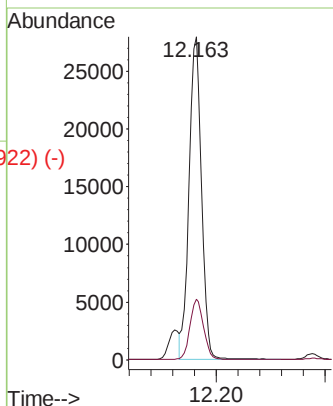
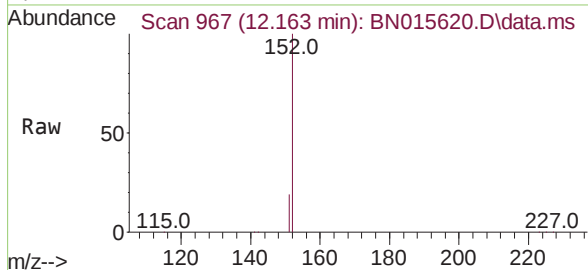
Abundance Scan 970 (12.176 min): BN015575.D\data.ms (-956) #11



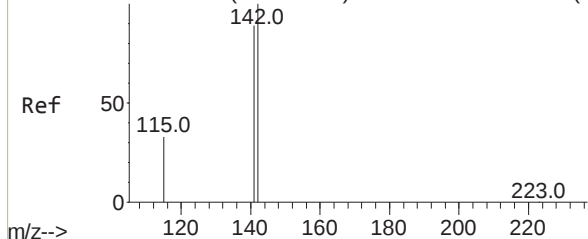
2-Methylnaphthalene-d10  
Concen: 0.371 ng  
RT: 12.163 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 44219  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1

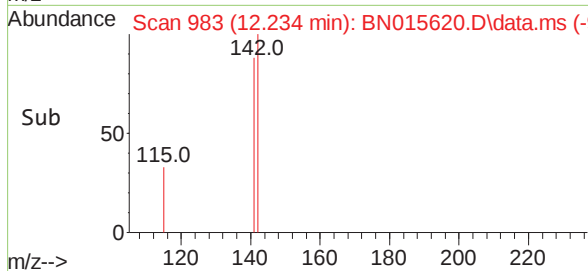
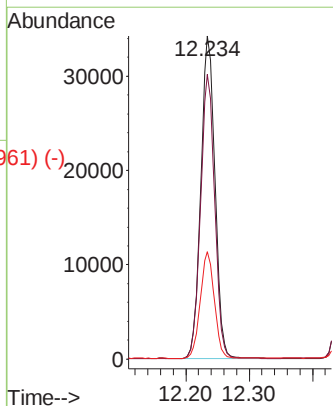
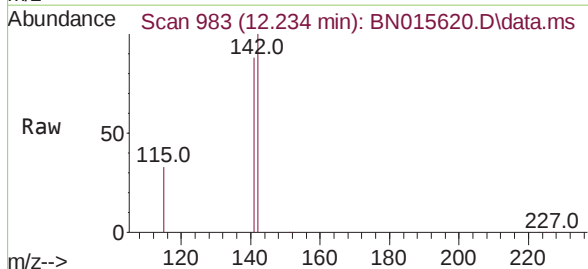


Abundance Scan 987 (12.252 min): BN015575.D\data.ms (-976) #12



2-Methylnaphthalene  
Concen: 0.397 ng  
RT: 12.234 min Scan# 983  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

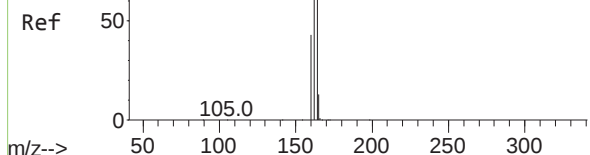
Tgt Ion:142 Resp: 52899  
Ion Ratio Lower Upper  
142 100  
141 88.2 72.3 108.5  
115 33.2 40.7 61.1#



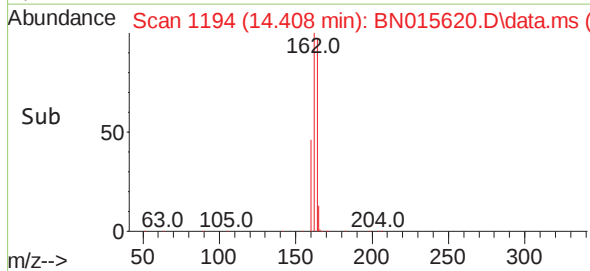
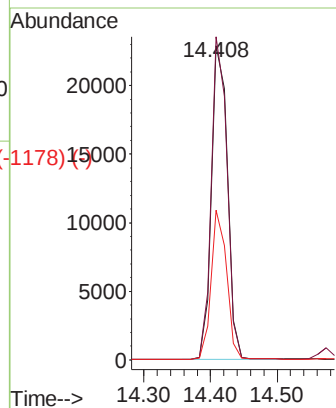
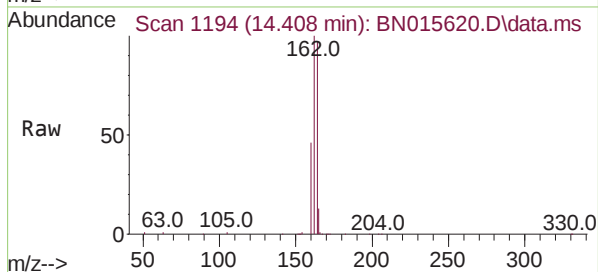
Abundance Scan 1196 (14.434 min): BN015575.D\data.ms (-1199) (-)

Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.408 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

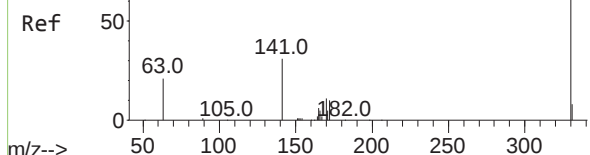


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 38122 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.9 | 83.8  | 125.6 |
| 160       | 47.7  | 37.4  | 56.0  |

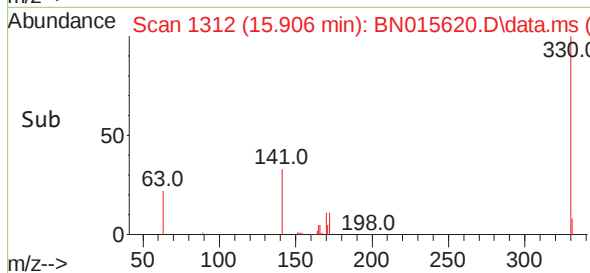
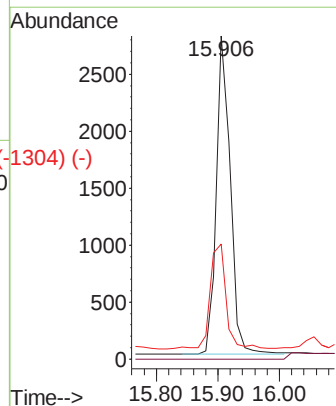
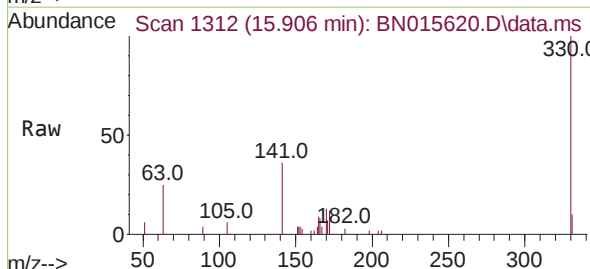


Abundance Scan 1313 (15.918 min): BN015575.D\data.ms (-1314) (-)

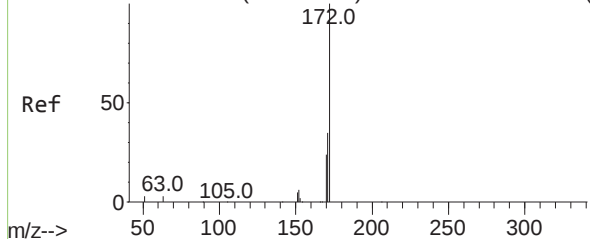
2,4,6-Tribromophenol  
Concen: 0.360 ng  
RT: 15.906 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 4399  |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 0.0   | 0.0   | 0.0   |
| 141       | 36.8  | 22.4  | 33.6# |



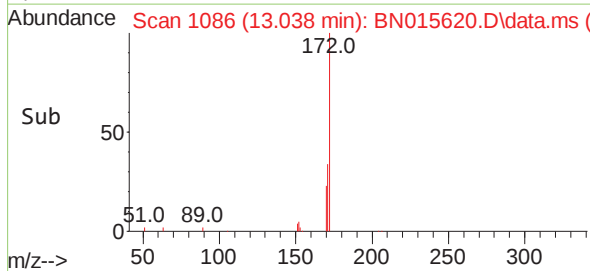
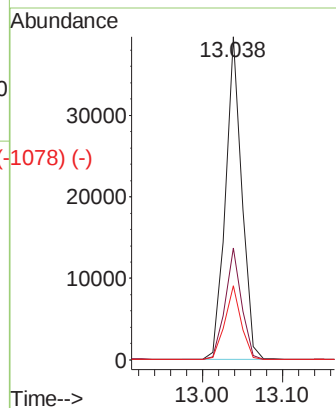
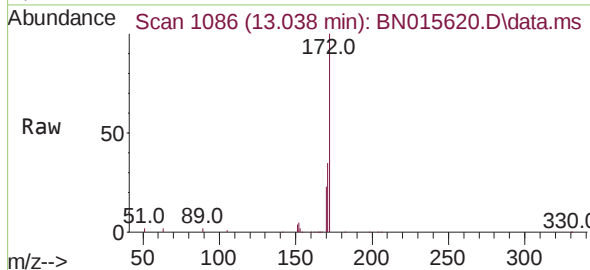
Abundance Scan 1087 (13.051 min): BN015575.D\data.ms (-1087) (-)



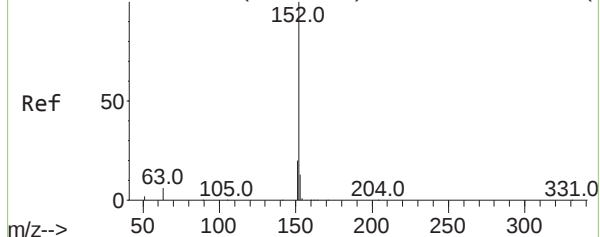
2-Fluorobiphenyl  
Concen: 0.372 ng  
RT: 13.038 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 57177 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.6  | 30.6  | 45.8  |
| 170      | 22.9  | 20.2  | 30.4  |

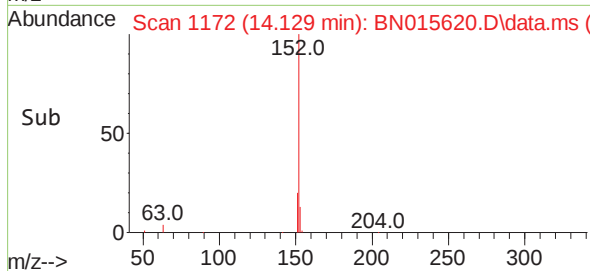
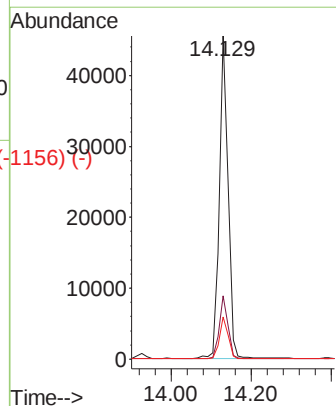
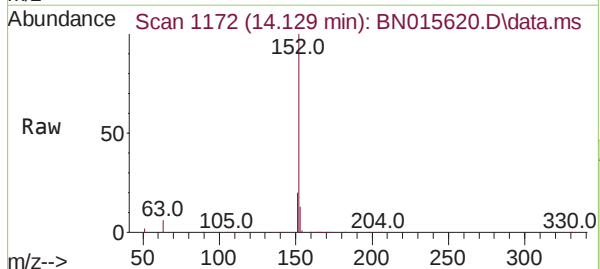


Abundance Scan 1173 (14.142 min): BN015575.D\data.ms (-1173) (-)

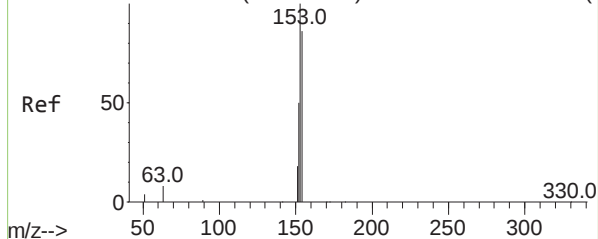


Acenaphthylene  
Concen: 0.388 ng  
RT: 14.129 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 68787 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.4  | 16.7  | 25.1  |
| 153      | 13.0  | 10.5  | 15.7  |



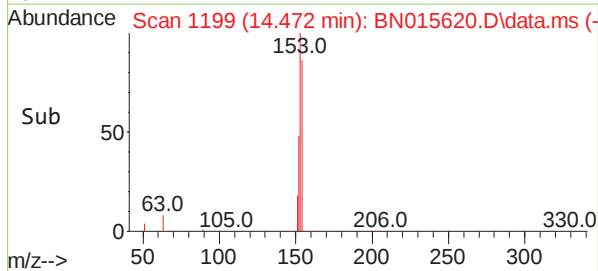
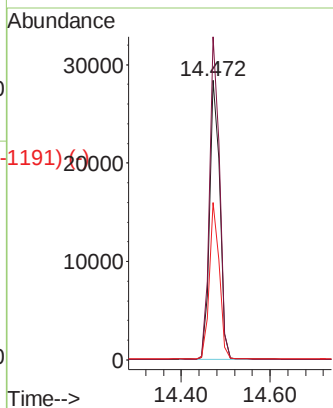
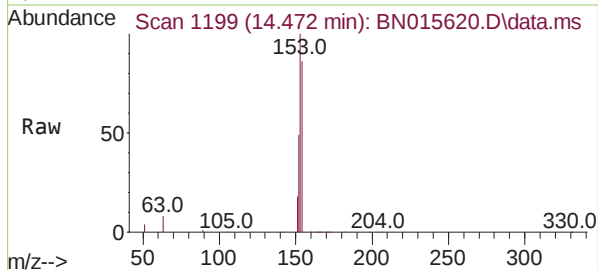
Abundance Scan 1200 (14.485 min): BN015575.D\data.ms (-1197) (-)



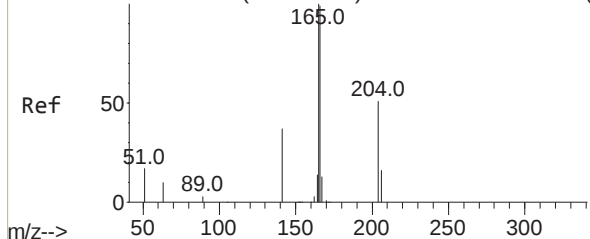
Acenaphthene  
Concen: 0.374 ng  
RT: 14.472 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:154 Resp: 44292  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.9 136.3  
152 54.5 45.8 68.8

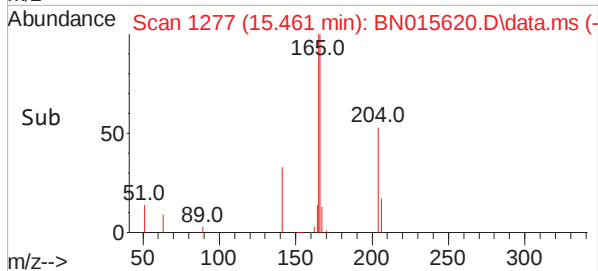
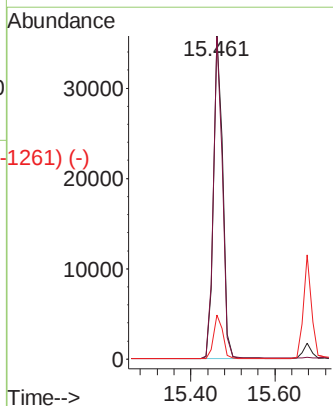
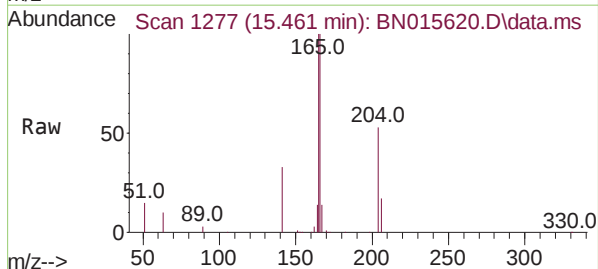


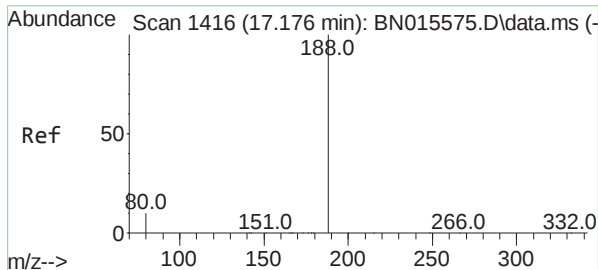
Abundance Scan 1278 (15.474 min): BN015575.D\data.ms (-1214) (-)



Fluorene  
Concen: 0.382 ng  
RT: 15.461 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion:166 Resp: 54302  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.2 118.8  
167 13.5 10.7 16.1

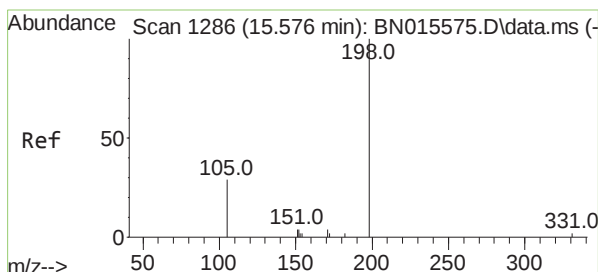
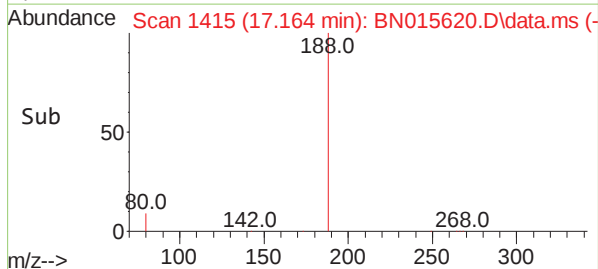
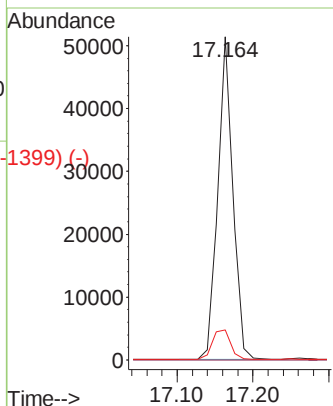
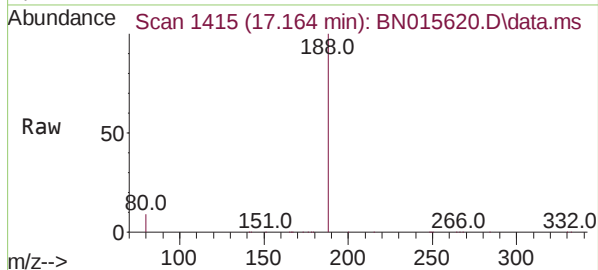




Scan 1416 (17.176 min): BN015575.D\data.ms (-1416) (-)  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.164 min Scan# 1415  
 Delta R.T. -0.000 min  
 Lab File: BN015620.D  
 Acq: 20 Jul 2021 11:57

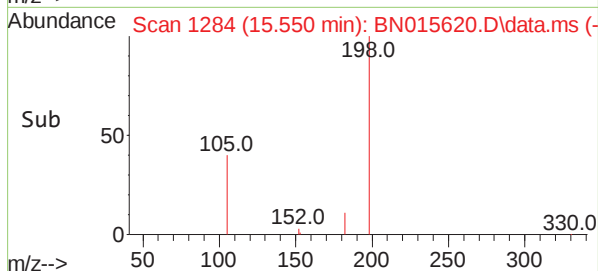
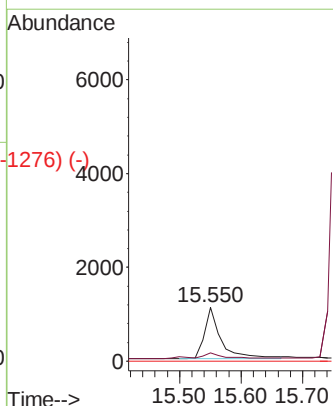
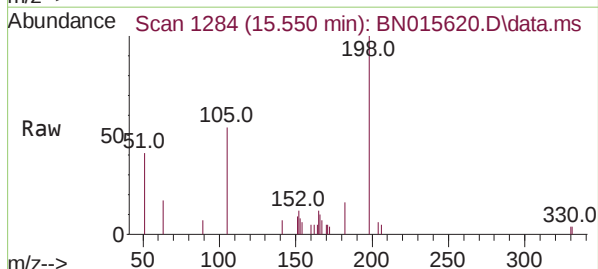
Instrument :  
 BNA\_N  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 71214 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 9.2   | 9.0   | 13.4  |

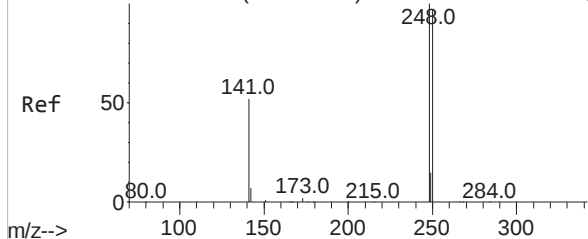


Scan 1286 (15.576 min): BN015575.D\data.ms (-1286) (-)  
 4,6-Dinitro-2-methylphenol  
 Concen: 1.164 ng  
 RT: 15.550 min Scan# 1284  
 Delta R.T. 0.000 min  
 Lab File: BN015620.D  
 Acq: 20 Jul 2021 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 2081  |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 182      | 15.8  | 34.5  | 51.7# |
| 77       | 0.0   | 0.0   | 0.0   |



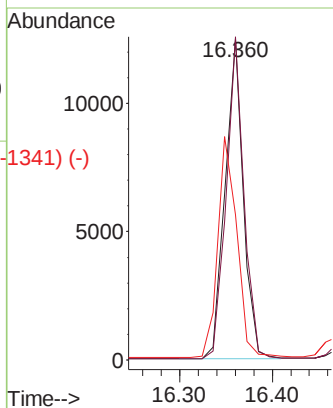
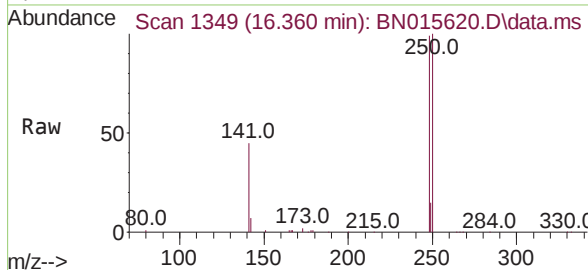
Abundance Scan 1350 (16.373 min): BN015575.D\data.ms (-1324) (-)



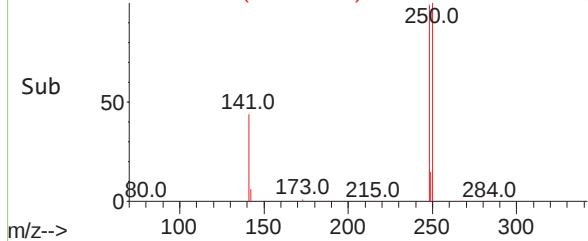
4-Bromophenyl-phenylether  
Concen: 0.377 ng  
RT: 16.360 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

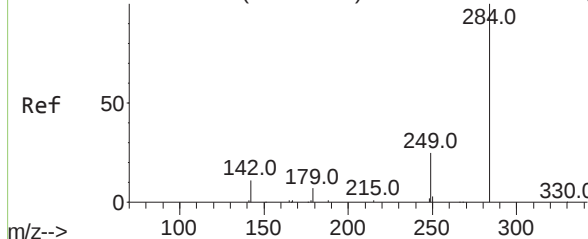
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 17045 |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 100.7 | 86.2  | 129.4 |
| 141      | 45.3  | 36.2  | 54.2  |



Abundance Scan 1349 (16.360 min): BN015620.D\data.ms (-1341) (-)

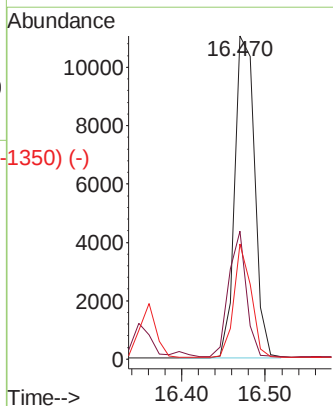
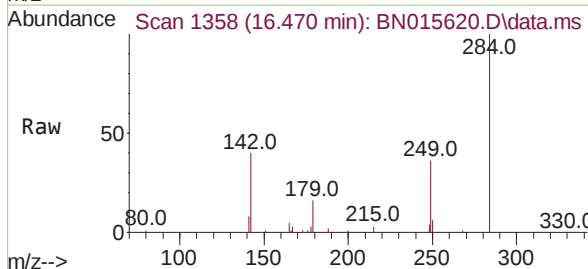


Abundance Scan 1360 (16.494 min): BN015575.D\data.ms (-1323) (-)

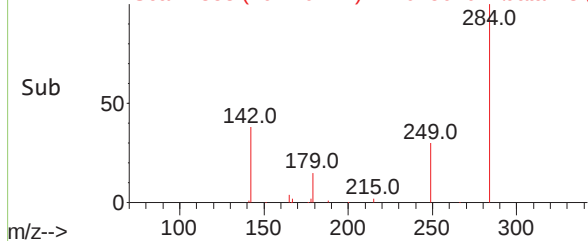


Hexachlorobenzene  
Concen: 0.361 ng  
RT: 16.470 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

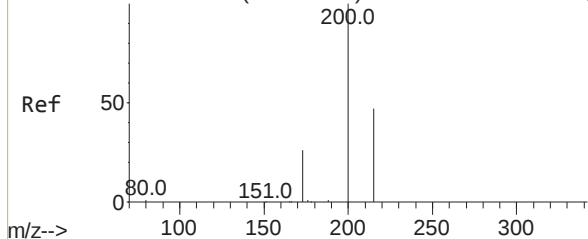
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 18360 |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 34.9  | 22.2  | 33.2# |
| 249      | 30.9  | 26.6  | 39.8  |



Abundance Scan 1358 (16.470 min): BN015620.D\data.ms (-1350) (-)



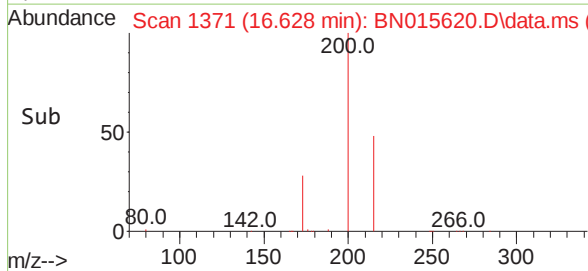
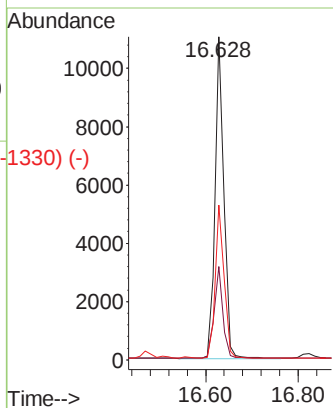
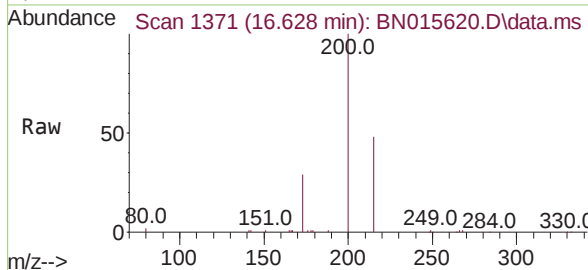
Abundance Scan 1372 (16.640 min): BN015575.D\data.ms (-1325) (-)



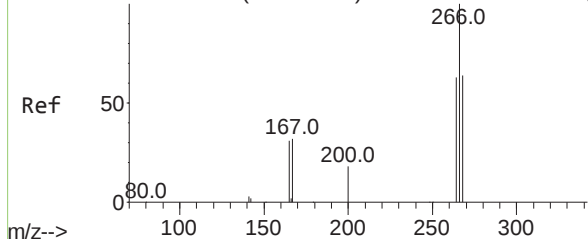
Atrazine  
Concen: 0.448 ng  
RT: 16.628 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:200 Resp: 14327  
Ion Ratio Lower Upper  
200 100  
173 28.8 21.7 32.5  
215 47.9 43.1 64.7

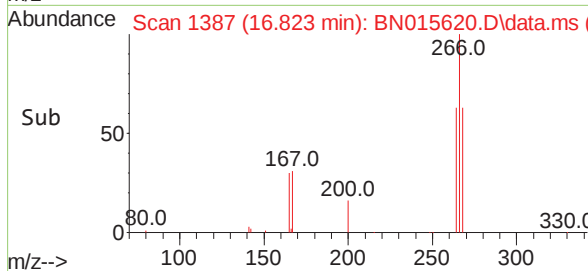
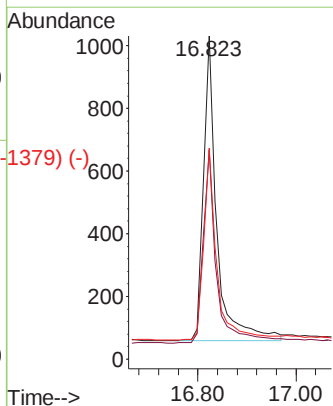
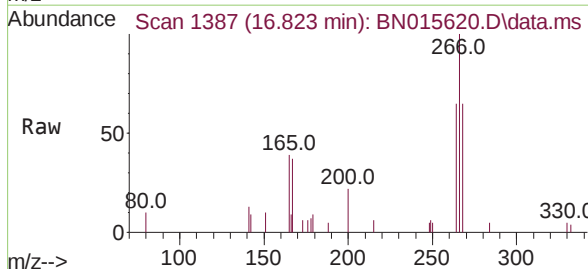


Abundance Scan 1388 (16.835 min): BN015575.D\data.ms (-1324) (-)

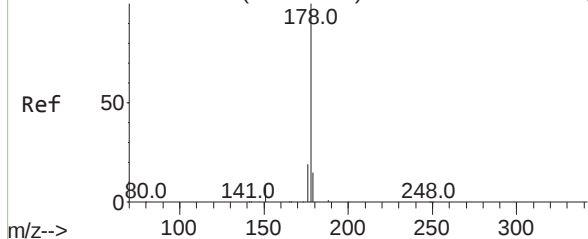


Pentachlorophenol  
Concen: 0.416 ng  
RT: 16.823 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion:266 Resp: 1850  
Ion Ratio Lower Upper  
266 100  
264 64.3 51.0 76.4  
268 61.5 50.6 76.0



Abundance Scan 1419 (17.212 min): BN015575.D\data.ms (-125) (-)

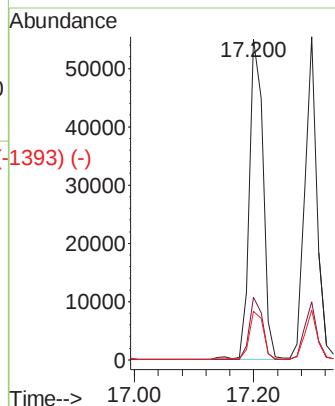
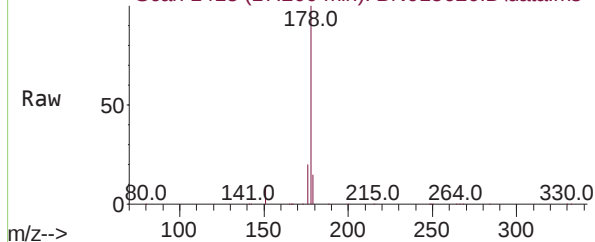


Phenanthrene  
Concen: 0.380 ng  
RT: 17.200 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

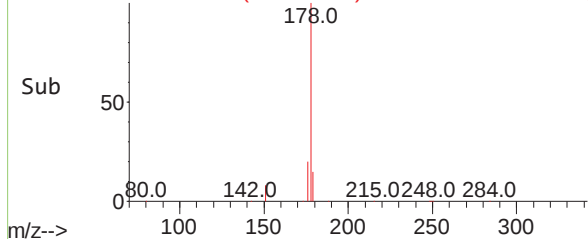
Tgt Ion:178 Resp: 87518  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.6 23.4  
179 15.7 12.1 18.1

Instrument :  
BNA\_N  
ClientSampleId :

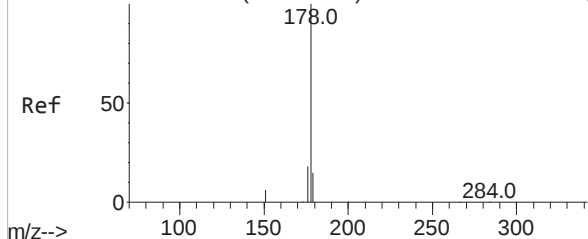
Abundance Scan 1418 (17.200 min): BN015620.D\data.ms



Abundance Scan 1418 (17.200 min): BN015620.D\data.ms (-1393) (-)



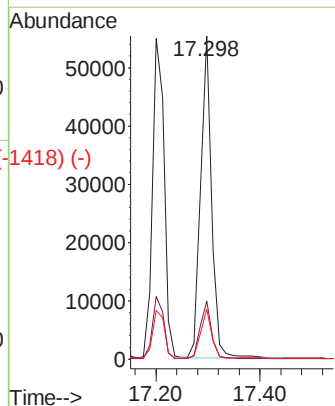
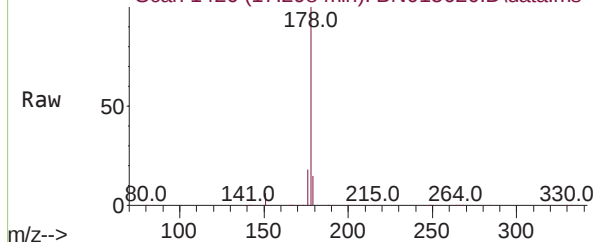
Abundance Scan 1427 (17.310 min): BN015575.D\data.ms (-126) (-)



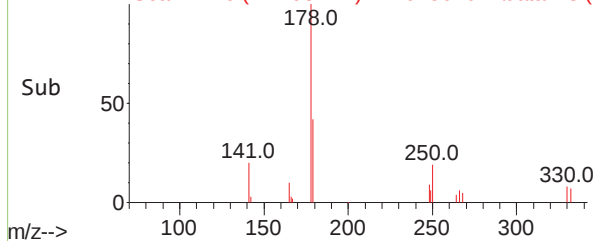
Anthracene  
Concen: 0.406 ng  
RT: 17.298 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion:178 Resp: 80160  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.1 22.7  
179 15.1 12.2 18.2

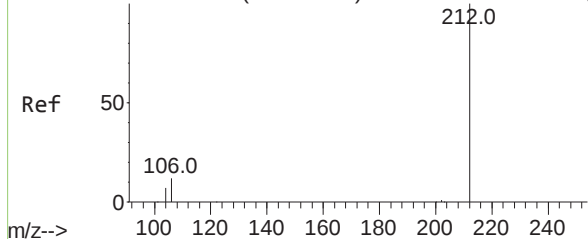
Abundance Scan 1426 (17.298 min): BN015620.D\data.ms



Abundance Scan 1426 (17.298 min): BN015620.D\data.ms (-1418) (-)



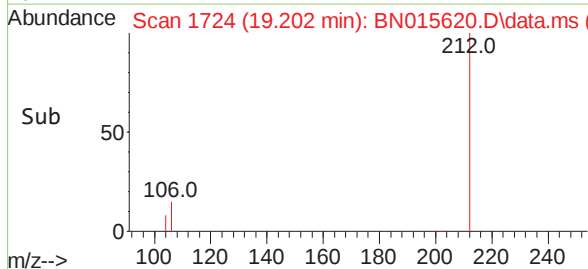
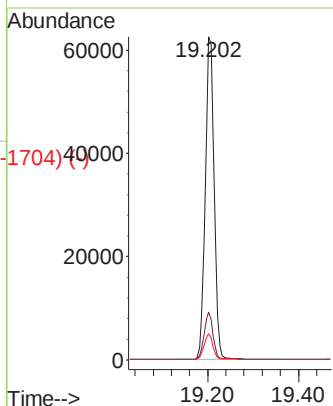
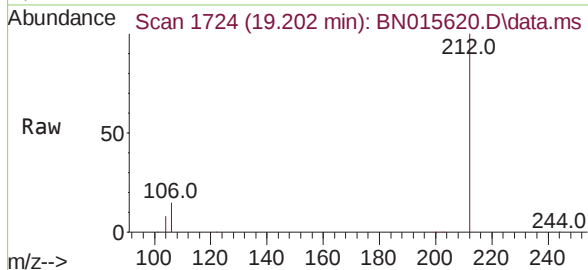
Abundance Scan 1727 (19.217 min): BN015575.D\data.ms (-1#27) (-)



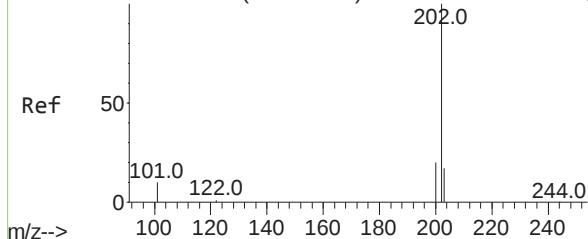
Fluoranthene-d10  
Concen: 0.391 ng  
RT: 19.202 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:212 Resp: 84244  
Ion Ratio Lower Upper  
212 100  
106 14.3 7.0 10.6#  
104 8.0 4.1 6.1#

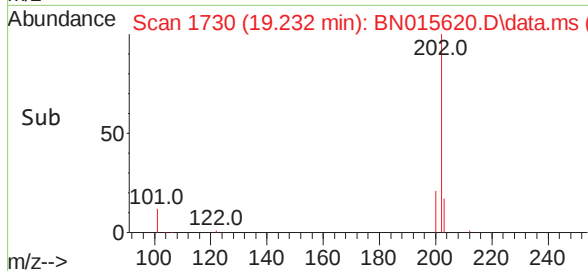
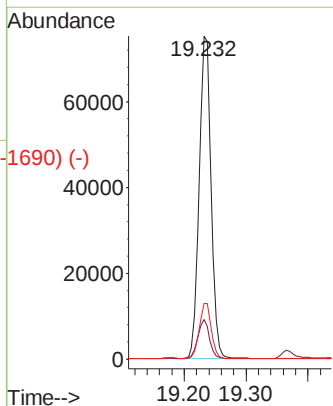
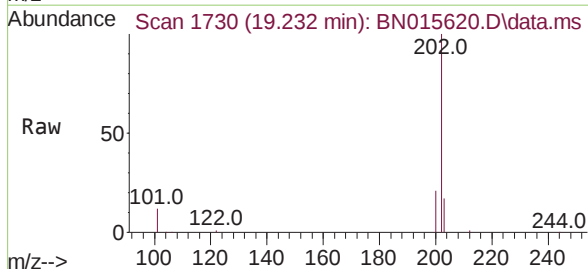


Abundance Scan 1733 (19.247 min): BN015575.D\data.ms (-1#28) (-)



Fluoranthene  
Concen: 0.401 ng  
RT: 19.232 min Scan# 1730  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

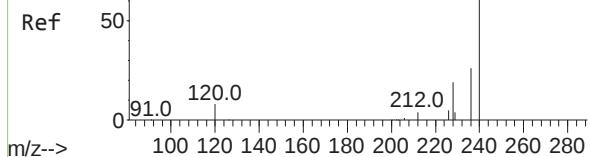
Tgt Ion:202 Resp: 99850  
Ion Ratio Lower Upper  
202 100  
101 11.8 6.6 10.0#  
203 17.2 13.9 20.9



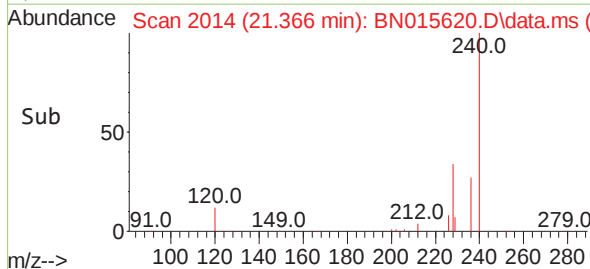
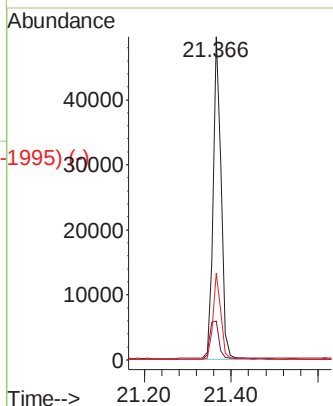
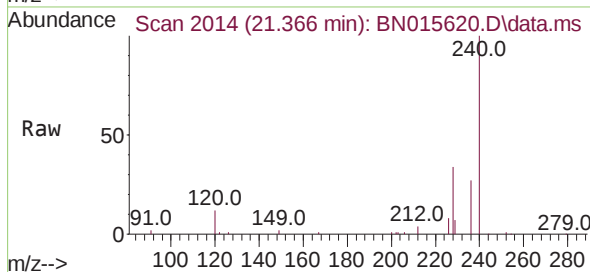
Abundance Scan 2015 (21.376 min): BN015575.D\data.ms (-1995) (-)

Chrysene-d12  
Concen: 0.400 ng  
RT: 21.366 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :



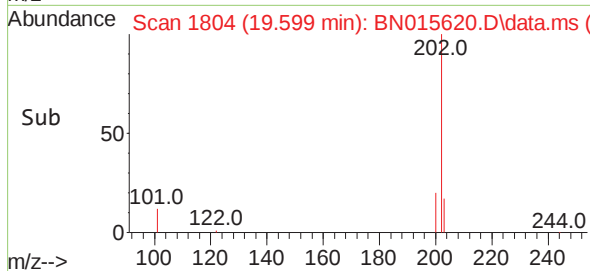
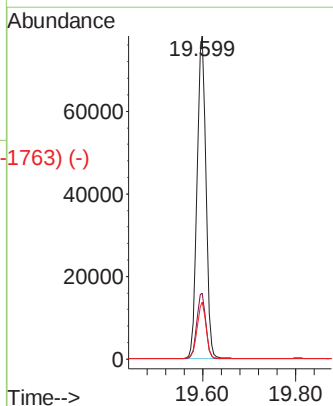
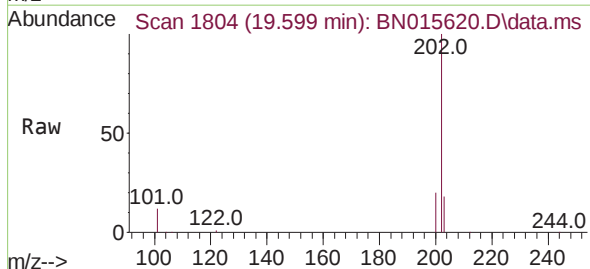
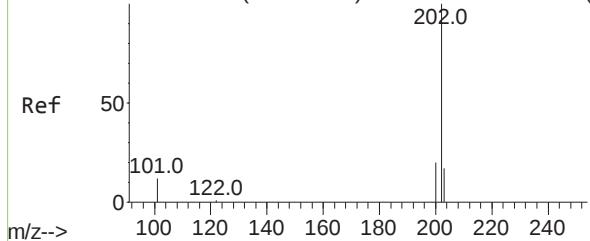
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 64600 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 12.1  | 4.2   | 6.4#  |
| 236      | 27.0  | 21.4  | 32.2  |



Abundance Scan 1806 (19.609 min): BN015575.D\data.ms (-1736) (-)

Pyrene  
Concen: 0.413 ng  
RT: 19.599 min Scan# 1804  
Delta R.T. 0.005 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 102557 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 20.5  | 16.9  | 25.3   |
| 203      | 17.7  | 13.9  | 20.9   |



Abundance Scan 1848 (19.818 min): BN015575.D\data.ms (-1830) (-)

Terphenyl-d14

Concen: 0.461 ng

RT: 19.808 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BN015620.D

Acq: 20 Jul 2021 11:57

Tgt Ion:244 Resp: 70687

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 13.0 6.2 9.2#

Abundance Scan 1846 (19.808 min): BN015620.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1846 (19.808 min): BN015620.D\data.ms

Raw 50

101.0 122.0 212.0 244.0

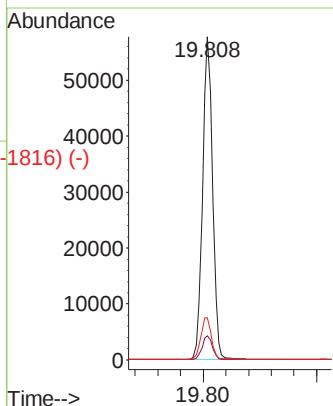
m/z-->

Abundance Scan 1846 (19.808 min): BN015620.D\data.ms (-1816) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->



Abundance Scan 2013 (21.355 min): BN015575.D\data.ms (-2032) (-)

Benzo(a)anthracene

Concen: 0.428 ng

RT: 21.355 min Scan# 2013

Delta R.T. 0.011 min

Lab File: BN015620.D

Acq: 20 Jul 2021 11:57

Tgt Ion:228 Resp: 96605

Ion Ratio Lower Upper

228 100

226 26.1 23.0 34.6

229 19.9 15.7 23.5

Abundance Scan 2013 (21.355 min): BN015620.D\data.ms

Ref 50

91.0 120.0 149.0 202.0 228.0 254.0 279.0

m/z-->

Abundance Scan 2013 (21.355 min): BN015620.D\data.ms

Raw 50

91.0 120.0 149.0 202.0 228.0 254.0 279.0

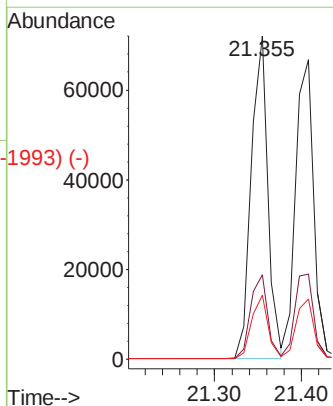
m/z-->

Abundance Scan 2013 (21.355 min): BN015620.D\data.ms (-1993) (-)

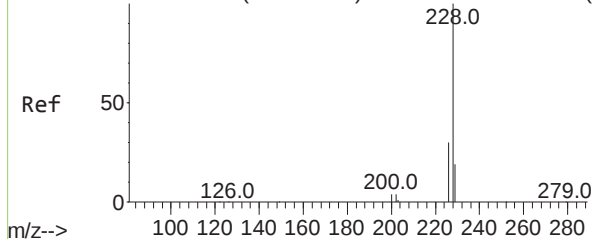
Sub 50

91.0 120.0 200.0 228.0 254.0 279.0

m/z-->



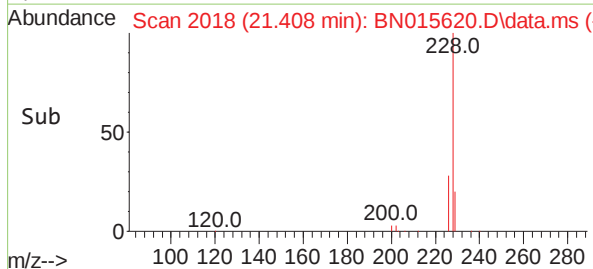
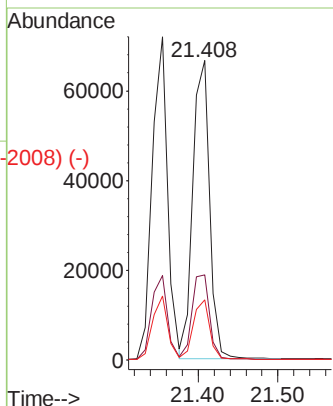
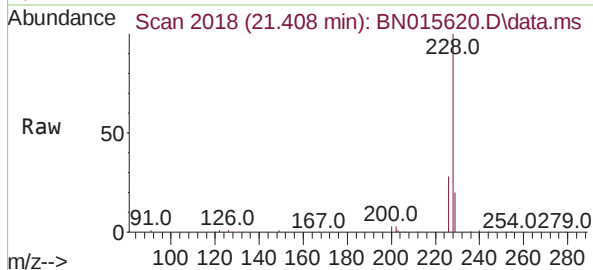
Abundance Scan 2018 (21.408 min): BN015575.D\data.ms (-2008) (-)



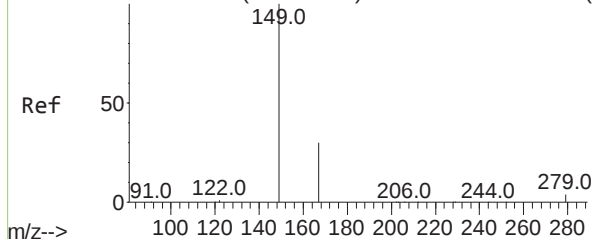
Chrysene  
Concen: 0.407 ng  
RT: 21.408 min Scan# 2018  
Delta R.T. 0.011 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:228 | Resp: | 97277       |
| Ion         | Ratio | Lower Upper |
| 228         | 100   |             |
| 226         | 28.4  | 25.0 37.6   |
| 229         | 20.1  | 15.9 23.9   |

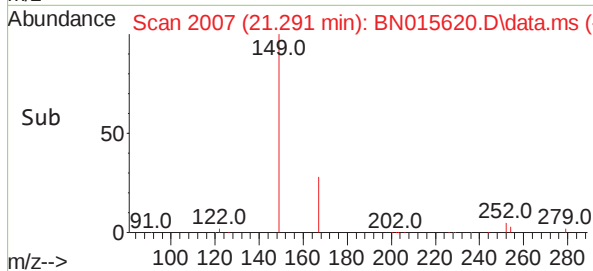
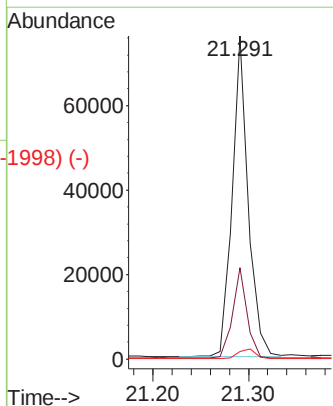
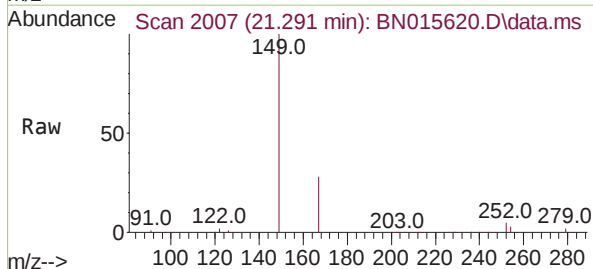


Abundance Scan 2008 (21.302 min): BN015575.D\data.ms (-2008) (-)



Bis(2-ethylhexyl)phthalate  
Concen: 0.921 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

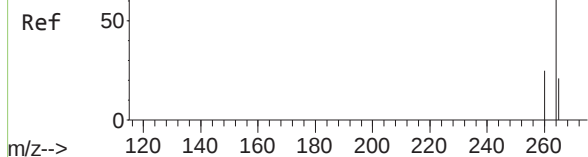
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 89137       |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 167         | 25.5  | 28.9 43.3#  |
| 279         | 3.3   | 4.9 7.3#    |



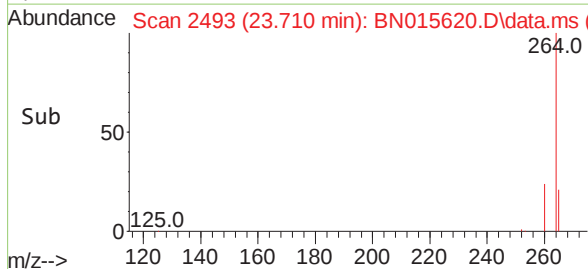
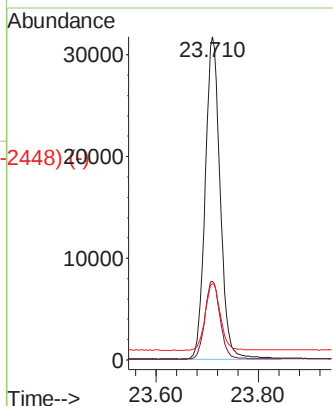
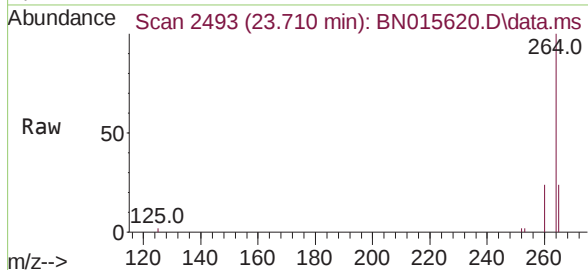
Abundance Scan 2497 (23.724 min): BN015575.D\data.ms (-2448) (-)

Perylene-d12  
Concen: 0.400 ng  
RT: 23.710 min Scan# 2493  
Delta R.T. 0.003 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

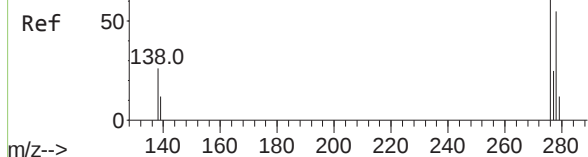


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 264   | Resp: | 64314 |
| Ion      | Ratio | Lower | Upper |
| 264      | 100   |       |       |
| 260      | 24.4  | 20.6  | 31.0  |
| 265      | 23.6  | 21.4  | 32.2  |

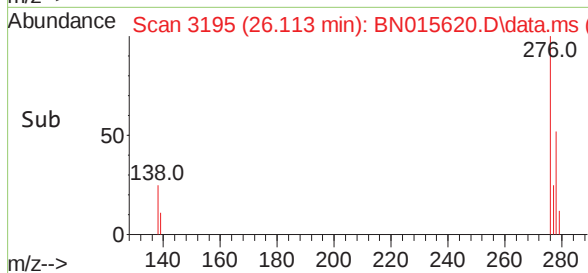
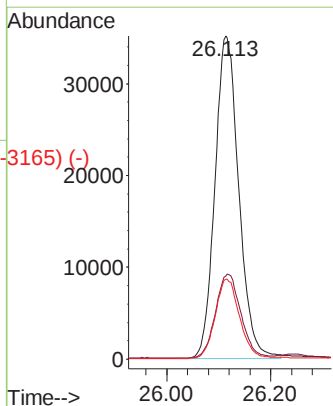
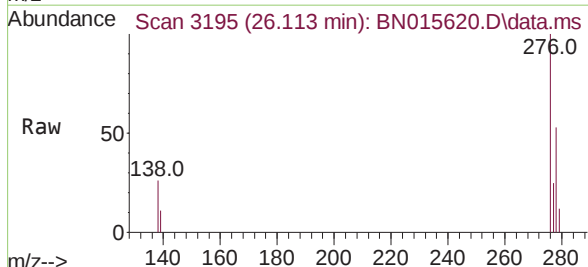


Abundance Scan 3201 (26.134 min): BN015575.D\data.ms (-3175) (-)

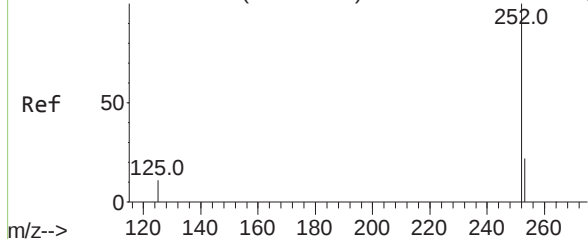
Indeno(1,2,3-cd)pyrene  
Concen: 0.487 ng  
RT: 26.113 min Scan# 3195  
Delta R.T. 0.003 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 111730 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 27.2  | 10.0  | 15.0#  |
| 277      | 25.0  | 20.4  | 30.6   |



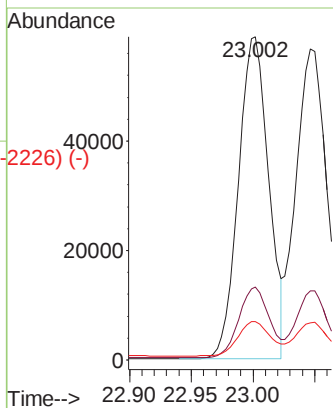
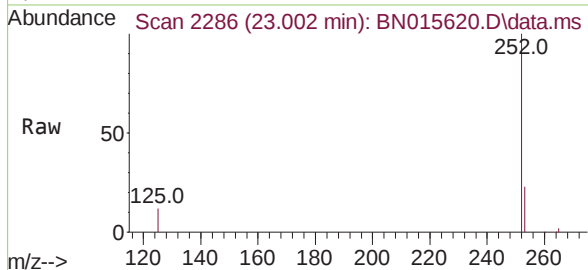
Abundance Scan 2289 (23.012 min): BN015575.D\data.ms (-2289) (-)



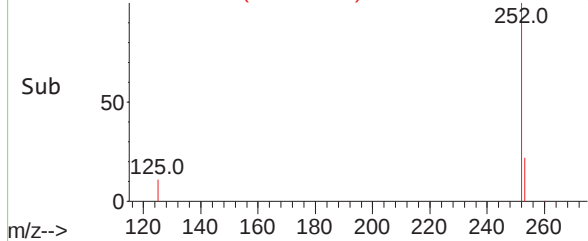
Benzo(b)fluoranthene  
Concen: 0.397 ng  
RT: 23.002 min Scan# 2286  
Delta R.T. 0.007 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Tgt Ion:252 Resp: 100198  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.5 27.7  
125 11.9 5.8 8.6#

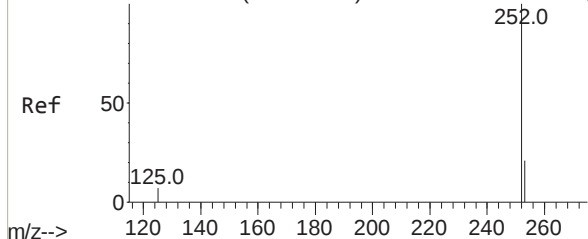
Instrument :  
BNA\_N  
ClientSampleId :



Abundance Scan 2286 (23.002 min): BN015620.D\data.ms (-2226) (-)

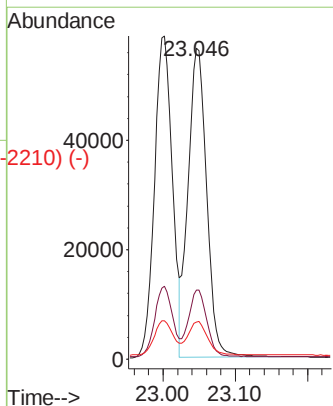
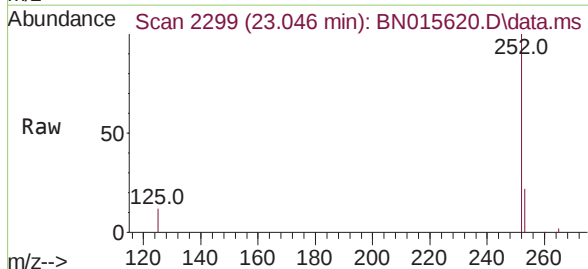


Abundance Scan 2302 (23.057 min): BN015575.D\data.ms (-2302) (-)

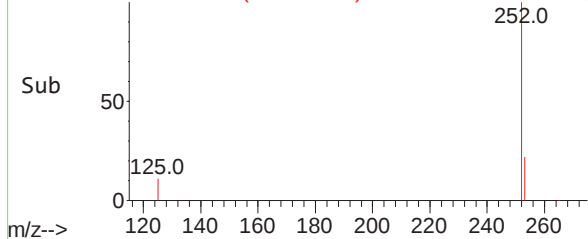


Benzo(k)fluoranthene  
Concen: 0.396 ng  
RT: 23.046 min Scan# 2299  
Delta R.T. 0.003 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

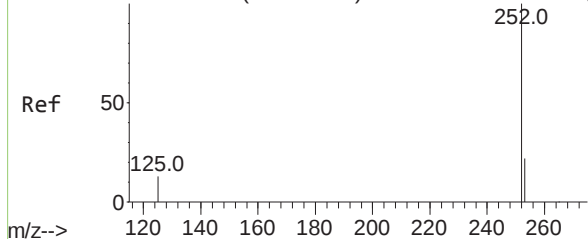
Tgt Ion:252 Resp: 100764  
Ion Ratio Lower Upper  
252 100  
253 22.3 19.1 28.7  
125 12.0 5.4 8.0#



Abundance Scan 2299 (23.046 min): BN015620.D\data.ms (-2210) (-)

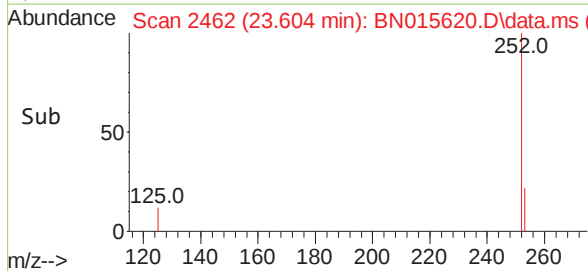
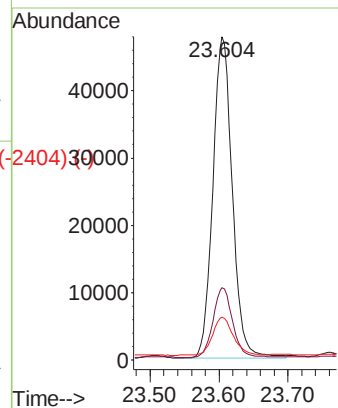
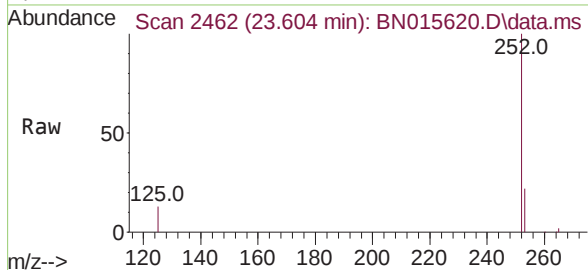


Abundance Scan 2466 (23.618 min): BN015575.D\data.ms (-2466) (-)

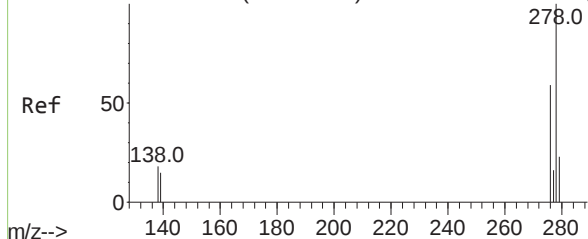


Benzo(a)pyrene  
Concen: 0.432 ng  
RT: 23.604 min Scan# 2462  
Delta R.T. -0.000 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 93936 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.3  | 19.4  | 29.2  |
| 125      | 13.3  | 7.4   | 11.2# |

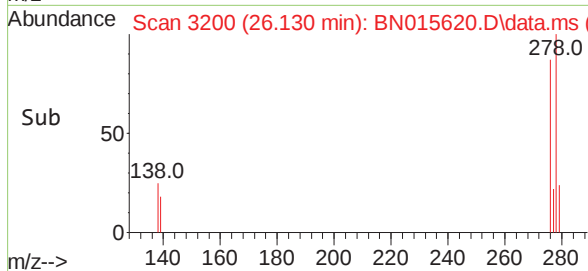
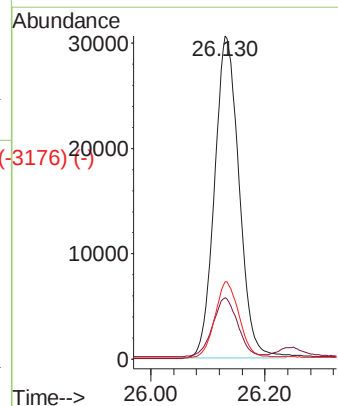
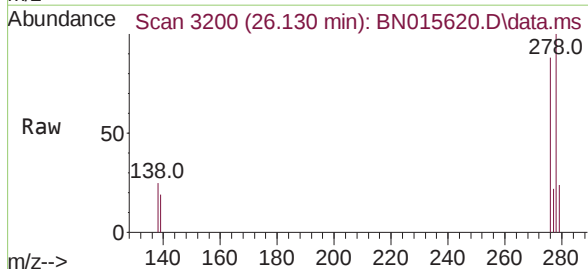


Abundance Scan 3207 (26.154 min): BN015575.D\data.ms (-3207) (-)



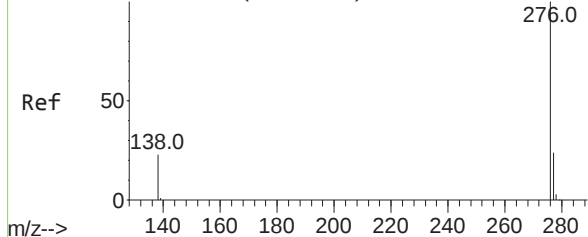
Dibenzo(a,h)anthracene  
Concen: 0.505 ng  
RT: 26.130 min Scan# 3200  
Delta R.T. 0.003 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 91205 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 19.0  | 9.0   | 13.4# |
| 279      | 23.9  | 21.0  | 31.4  |



Instrument :  
BNA\_N  
ClientSampleId :

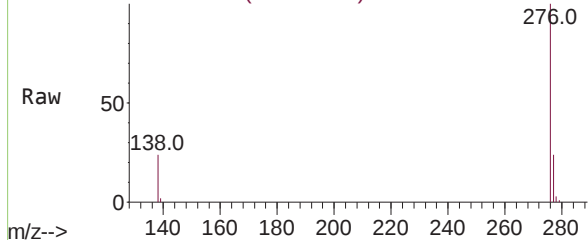
Abundance Scan 3417 (26.873 min): BN015575.D\data.ms (-3351) (-)



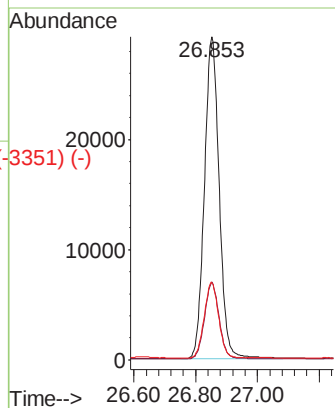
Benzo(g,h,i)perylene  
Concen: 0.502 ng  
RT: 26.853 min Scan# 3411  
Delta R.T. 0.007 min  
Lab File: BN015620.D  
Acq: 20 Jul 2021 11:57

Instrument :  
BNA\_N  
ClientSampleId :

Abundance Scan 3411 (26.853 min): BN015620.D\data.ms



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 97716 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.1  | 19.7  | 29.5  |
| 138      | 23.8  | 9.8   | 14.6# |



Abundance Scan 3411 (26.853 min): BN015620.D\data.ms (-3351) (-)

